

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------|------------------|---------|------------------|
| L1 | 9 | kempe eberhard.in. | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 10:53 |
| L2 | 1 | kempe eberhard.in. AND porous | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 10:54 |
| L3 | 67 | porous carrier layer AND membrane | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 10:55 |
| L4 | 8 | L3 AND probe AND ethanol | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 11:01 |
| L5 | 0 | "5979219".pn. AND porous | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 10:58 |
| L6 | 1 | "5979219".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 10:58 |
| L7 | 1 | "5979219".pn. AND pore | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 10:58 |
| L8 | 8 | L3 AND probe | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 11:08 |
| L9 | 2 | "6852223" | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 12:20 |
| L10 | 1 | "7037438".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/05/02 12:21 |
| S1 | 37 | probe WITH body WITH opening WITH membrane | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 13:41 |
| S2 | 6 | S1 WITH permeable | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:29 |
| S3 | 4383 | probe SAME (measuring or detecting) SAME concentration\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:31 |
| S4 | 351 | probe SAME (measuring or detecting) SAME concentration\$ AND volatile | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:32 |
| S5 | 351 | probe SAME (measuring OR detecting) SAME concentration\$ AND volatile | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:43 |
| S6 | 2271 | probe WITH (measuring OR detecting) SAME concentration\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:46 |
| S7 | 1 | S6 AND (second OR two) measur\$ space\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:45 |
| S8 | 1 | S6 AND second measur\$ space\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:45 |
| S9 | 54417 | probe WITH (measuring OR detecting) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:47 |
| S10 | 2 | S9 AND second measur\$ space\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:47 |

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| S11 | 23257 | S9 AND membrane\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:48 |
| S12 | 2559 | S11 AND permeable | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:49 |
| S13 | 2474 | S12 AND second | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:56 |
| S14 | 296 | S12 AND aperture | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 15:58 |
| S15 | 258 | S14 and concentration\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:06 |
| S16 | 20 | second measur\$ space | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:24 |
| S17 | 12 | S16 AND (probe OR device) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:08 |
| S18 | 2 | S16 AND (probe OR device)AND membrane\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:08 |
| S19 | 38 | (second OR two) measur\$ space\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:16 |
| S20 | 25 | S19 AND (probe OR device) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:20 |
| S21 | 2 | S19 AND ((probe OR device) WITH membrane\$) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:21 |
| S22 | 23 | second measur\$ (space or aperture) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:24 |
| S23 | 0 | (secondOR two) measur\$ (space or aperture) | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:25 |
| S24 | 4346 | probe SAME membrane AND permeable | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:27 |
| S25 | 6 | probe SAME membrane AND permeable SAME volatile component AND ethanol | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:28 |
| S26 | 3 | probe SAME membrane SAME permeable SAME volatile component AND ethanol | US-PGPUB; USPAT | ADJ | ON | 2007/03/29 16:28 |
| S27 | 1 | ("0174417").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/30 08:26 |
| S28 | 0 | ("0174417").PN. | EPO | OR | OFF | 2007/03/30 08:26 |
| S29 | 0 | ("EP-174417-\$.DID.").PN. | EPO | OR | OFF | 2007/03/30 08:27 |
| S30 | 0 | ("EP-174417").PN. | EPO | OR | OFF | 2007/03/30 08:28 |
| S31 | 0 | ("19959271") | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 08:28 |
| S32 | 3 | ("199 59 271 A1") | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 08:46 |

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| S33 | 0 | ("DE-19604606-\$.DID.").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/30 08:48 |
| S34 | 0 | ("DE-19604606").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/30 08:48 |
| S35 | 0 | ("DE-19604606A1").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/30 08:50 |
| S36 | 0 | DE-19604606A1 | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 08:50 |
| S37 | 0 | (permeation membrane) AND at least two layers | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 08:51 |
| S38 | 621 | (permeation membrane) | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 08:51 |
| S39 | 23 | S38 AND (volatile components) | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:00 |
| S40 | 3 | S39 AND two layers | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 08:51 |
| S41 | 0 | S38 AND (volatile components) | DERWENT | ADJ | ON | 2007/03/30 09:00 |
| S42 | 5914 | permeable membrane | DERWENT | ADJ | ON | 2007/03/30 09:00 |
| S43 | 11 | S42 AND volatile components | DERWENT | ADJ | ON | 2007/03/30 09:04 |
| S44 | 0 | S43 AND two layers | DERWENT | ADJ | ON | 2007/03/30 09:01 |
| S45 | 7675 | membrane thickness | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:05 |
| S46 | 103 | S45 AND volatile components | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:06 |
| S47 | 89 | S46 AND measur\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:06 |
| S48 | 45 | S47 AND ethanol | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:06 |
| S49 | 24 | S48 AND aqueous solution | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:08 |
| S50 | 6 | S45 SAME volatile component\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:09 |
| S51 | 0 | S50 SAME ethanol | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:09 |
| S52 | 20853 | permea\$ membrane | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:11 |
| S53 | 9727 | S52 AND thickness | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:10 |
| S54 | 1751 | S52 SAME thickness | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:10 |
| S55 | 26620 | permea\$ (membrane or layer) | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:11 |

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|-----|------|--------------------------------|--------------------|-----|----|------------------|
| S56 | 2701 | S55 SAME thickness | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:11 |
| S57 | 1 | S56 SAME volatile components\$ | US-PGPUB; USPAT | ADJ | ON | 2007/03/30 09:12 |
| S58 | 1 | "20301212" | DERWENT | ADJ | ON | 2007/04/24 17:42 |
| S59 | 2 | "10302220" | DERWENT | ADJ | ON | 2007/04/24 17:42 |